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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/671,017-Conf. #7862	
			Filing Date	September 25, 2003	
			First Named Inventor	Mi Hyun KIM	
			Art Unit	2621	
			Examiner Name	D. Zhao	
Sheet	1	of	5	Attorney Docket Number	0465-1978PUS1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA*	US-2001/0014070-A1	08-16-2001	Ando et al.	
	AB*	US-2001/0026679-A1	10-04-2001	Koshino et al.	
	AC*	US-2001/0030710-A1	10-18-2001	Werner	
	AD*	US-2001/0043790-A1	11-22-2001	Saeki et al.	
	AE*	US-2001/0053280-A1	12-20-2001	Yamauchi et al.	
	AF*	US-2002/0018416-A1	02-14-2002	Heo	
	AG*	US-2002/0041557-A1	04-11-2002	Heo	
	AH*	US-2002/0046328-A1	04-18-2002	Okada	
	AI*	US-2002/0093556-A1	07-18-2002	Ishizawa et al.	
	AJ*	US-2002/0093886-A1	07-18-2002	Ijichi et al.	
	AK*	US-2002/0106196-A1	08-08-2002	Yamauchi et al.	
	AL*	US-2002/0126994-A1	09-12-2002	Gunji et al.	
	AM*	US-2002/0129036-A1	09-12-2002	Ho Yuen Lok et al.	
	AN*	US-2002/0135608-A1	09-26-2002	Hamada et al.	
	AO*	US-2002/0145702-A1	10-10-2002	Kato et al.	
	AP*	US-2002/0159368-A1	10-31-2002	Noda et al.	
	AQ*	US-2002/0177914-A1	11-28-2002	Chase	
	AR*	US-2002/0180803-A1	12-05-2002	Kaplan et al.	
	AS*	US-2003/0035681-A1	02-20-2003	Ho	
	AT*	US-2003/0058948-A1	03-27-2003	Kelly et al.	
	AU*	US-2003/0103604-A1	06-05-2003	Kato et al.	
	AV*	US-2003/0118327-A1	06-26-2003	Um et al.	
	AW*	US-2003/0123346-A1	07-03-2003	Ishii et al.	
	AX*	US-2003/0123845-A1	07-03-2003	Koda et al.	
	AY*	US-2003/0235404-A1	12-25-2003	Seo et al.	
	AZ*	US-2004/0014136-A1	01-22-2004	Ishii et al.	
	AA1*	US-2004/0047591-A1	03-11-2004	Seo et al.	
	AB1*	US-2004/0076402-A1	04-22-2004	Jung et al.	
	AC1*	US-2004/0114908-A1	06-17-2004	Ito	
	AD1*	US-2004/0156621-A1	08-12-2004	Seo et al.	
	AE1*	US-2004/0208135-A1	10-21-2004	Nakamura et al.	
	AF1*	US-2004/0213105-A1	10-28-2004	Seo et al.	
	AG1*	US-2004/0220791-A1	11-04-2004	Lamkin et al.	
	AH1*	US-2005/0019007-A1	01-27-2005	Kato et al.	
	AI1*	US-2005/0025459-A1	02-03-2005	Kato et al.	
	AJ1*	US-2005/0036763-A1	02-17-2005	Kato et al.	
	AK1*	US-2006/0013564-A1	01-19-2006	Hamada et al.	
	AL1*	US-2006/0222340-A1	10-05-2006	Yamauchi et al.	
	AM1*	US-5,521,898-A	05-28-1996	Ogasawara et al.	
	AN1*	US-5,583,652-A	12-10-1996	Ware	
	AO1*	US-5,602,956-A	02-11-1997	Suzuki et al.	
	AP1*	US-5,630,006-A	05-13-1997	Hirayama et al.	
	AQ1*	US-5,691,972-A	11-25-1997	Tsuga et al.	
	AR1*	US-5,734,788-A	03-31-1998	Nonomura et al.	
	AS1*	US-5,742,569-A	04-21-1998	Yamamoto et al.	
	AT1*	US-5,784,528-A	07-21-1998	Yamane et al.	

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Sheet	2	of	5	Attorney Docket Number	0465-1978PUS1

	AU1*	US-5,884,004-A	03-16-1999	Sato et al.	
	AV1*	US-5,917,781-A	06-29-1999	Kim et al.	
	AW1*	US-5,923,869-A	07-13-1999	Kashiwagi et al.	
	AX1*	US-5,933,410-A	08-03-1999	Nakane et al.	
	AY1*	US-5,953,290-A	09-14-1999	Fukuda et al.	
	AZ1*	US-5,999,698-A	12-07-1999	Nakai et al.	
	AA2*	US-6,014,495-A	01-11-2000	Moriyama et al.	
	AB2*	US-6,064,385-A	05-16-2000	Sturgeon et al.	
	AC2*	US-6,064,796-A	05-16-2000	Nakamura et al.	
	AD2*	US-6,067,400-A	05-23-2000	Saeki et al.	
	AE2*	US-6,084,581-A	07-04-2000	Hunt	
	AF2*	US-6,097,676-A	08-01-2000	Fujinami et al.	
	AG2*	US-6,118,927-A	09-12-2000	Kikuchi et al.	
	AH2*	US-6,167,189-A	12-26-2000	Taira et al.	
	AI2*	US-6,215,746-B1	04-10-2001	Ando et al.	
	AJ2*	US-6,219,488-B1	04-17-2001	Mori et al.	
	AK2*	US-6,247,022-B1	06-12-2001	Yankowski	
	AL2*	US-6,285,825-B1	09-04-2001	Miwa et al.	
	AM2*	US-6,292,226-B1	09-18-2001	Yamanaka et al.	
	AN2*	US-6,308,005-B1	10-23-2001	Ando et al.	
	AO2*	US-6,321,027-B2	11-20-2001	Honjo et al.	
	AP2*	US-6,336,002-B1	01-01-2002	Yamauchi et al.	
	AQ2*	US-6,356,971-B1	03-12-2002	Katz et al.	
	AR2*	US-6,360,055-B1	03-19-2002	Kaneshige et al.	
	AS2*	US-6,373,803-B2	04-16-2002	Ando et al.	
	AT2*	US-6,377,474-B1	04-23-2002	Archambeault et al.	
	AU2*	US-6,377,518-B1	04-23-2002	Auwens et al.	
	AV2*	US-6,377,747-B1	04-23-2002	Murase et al.	
	AW2*	US-6,385,388-B1	05-07-2002	Lewis et al.	
	AX2*	US-6,392,969-B1	05-21-2002	Heo et al.	
	AY2*	US-6,415,101-B1	07-02-2002	deCarmo et al.	
	AZ2*	US-6,424,797-B1	07-23-2002	Murase et al.	
	AA3*	US-6,580,870-B1	06-17-2003	Kanazawa et al.	
	AB3*	US-6,584,277-B2	06-24-2003	Tsumagari et al.	
	AC3*	US-6,615,192-B1	09-02-2003	Tagawa et al.	
	AD3*	US-6,647,496-B1	11-11-2003	Tagawa et al.	
	AE3*	US-6,700,839-B1	03-02-2004	Auflick et al.	
	AF3*	US-6,727,421-B2	04-27-2004	Izawa et al.	
	AG3*	US-6,763,345-B1	07-13-2004	Hempleman et al.	
	AH3*	US-6,766,103-B2	07-20-2004	Kim et al.	
	AI3*	US-6,832,293-B1	12-14-2004	Tagawa et al.	
	AJ3*	US-6,859,421-B2	02-22-2005	Sawabe et al.	
	AK3*	US-6,904,227-A	06-07-2005	Yamamoto et al.	
	AL3*	US-6,912,218	06-28-2005	Jeon et al.	
	AM3*	US-6,965,727-B1	11-15-2005	Sawabe et al.	
	AN3*	US-6,999,674-B1	02-14-2006	Hamada et al.	
	AO3*	US-7,006,758-B1	02-28-2006	Yamamoto et al.	
	AP3*	US-7,050,384-B2	05-23-2006	Sasaki et al.	

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				First Named Inventor	Mi Hyun KIM
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				Examiner Name	D. Zhao
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Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	BA	CN-1163673-A	10-29-1997	Sony Corp		ABS
	BB	CN-1205793-A	01-20-1999	Matsushita Electric Ind Co Ltd		ABS
	BC	CN-1212427-A	03-31-1999	Sony Corp		ABS
	BD	CN-1220458-A	06-23-1999	Matsushita Electric Ind Co Ltd		ABS
	BE	CN-1251680-A	04-26-2000	Tokyo Shibaura Electric Co		ABS
	BF	CN-1263345-A	08-16-2000	Pioneer Corp		ABS
	BG	CN-1272209-A	11-01-2000	Matsushita Electric Ind Co Ltd		ABS
	BH	CN-1310445-A	08-29-2001	Sony Corp		ABS
	BI	CN-1317200-A	10-10-2001	Thomson Licensing Corp		ABS
	BJ	CN-1320926-A	11-07-2001	Thomson Brandt GmbH		ABS
	BK	CN-1346491-A	04-24-2002	Matsushita Electric Ind Co Ltd		ABS
	BL	CN-1364387-A	08-14-2002	Koninkl Philips Electronics Nv		ABS
	BM	CN-1383679-A	12-04-2002	Sony Corp		ABS
	BN	CN-1393872-A	01-29-2003	Lg Electronics Inc		ABS
	BO	CN-1509572-A	06-30-2004	Matsushita Electric Ind Co Ltd		ABS
	BP	CN-1555058-A	12-15-2004	Pioneer Corp		ABS
	BQ	CN-1571055-A	01-26-2005	Matsushita Electric Ind Co Ltd		ABS
	BR	CN-1606355-A	04-13-2005	Koninkl Philips Electronics Nv		ABS
	BS	CN-1606356-A	04-13-2005	Koninkl Philips Electronics Nv		ABS
	BT	CN-1606357-A	04-13-2005	Koninkl Philips Electronics Nv		ABS
	BU	CN-1611071-A	04-27-2005	Pioneer Corp		ABS
	BV	EP-0723216-A2	07-24-1996	Sony Corp		
	BW	EP-0724264-A2	07-31-1996	Tokyo Shibaura Electric Co		
	BX	EP-0836183-A2	04-15-1998	Sony Corp		
	BY	EP-0836189-A1	04-15-1998	Matsushita Electric Ind Co Ltd		
	BZ	EP-0858073-A1	08-12-1998	Matsushita Electric Ind Co Ltd		
	BA1	EP-0949622-A2	10-13-1999	Pioneer Electronic Corp		
	BB1	EP-1024494-A2	08-02-2000	Pioneer Corp		
	BC1	EP-1041565-B1	09-12-2001	Matsushita Electric Ind Co Ltd		
	BD1	EP-1041569-B1	01-02-2002	Matsushita Electric Ind Co Ltd		
	BE1	EP-1103974-A2	05-30-2001	Sony Corp		
	BF1	EP-1126454-A1	08-22-2001	Matsushita Electric Ind Co Ltd		
	BG1	EP-1148503-A1	10-24-2001	Thomson Brandt GmbH		

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				Art Unit	2621
				Examiner Name	D. Zhao
Sheet	4	of	5	Attorney Docket Number	0465-1978PUS1

	BH1	EP-1198132-A1	04-17-2002	Sony Corp		
	BI1	EP-1198133-A1	04-17-2002	Sony Corp		
	BJ1	EP-1280348-A1	01-29-2003	Sony Corp		
	BK1	EP-1391119-B1	06-14-2006	Matsushita Electric Ind Co Ltd et al.		
	BL1	EP-1398965-A1	03-17-2004	Matsushita Electric Ind Co Ltd		
	BM1	EP-1469677-A1	10-20-2004	Pioneer Corp		
	BN1	JP-10-032780-A	02-03-1998	Tokyo Shibaura Electric Co et al.		ABS
	BO1	JP-10-040667-A	02-13-1998	Tokyo Shibaura Electric Co et al.		ABS
	BP1	JP-11-259985-A	09-24-1999	Pioneer Electronic Corp		ABS
	BQ1	JP-11-069308	03-09-1999	Toshiba Corp et al.		ABS
	BR1	JP-11-069309	03-09-1999	Toshiba Corp et al.		ABS
	BS1	JP-2000-331466-A	11-30-2000	Sony Corp		ABS
	BT1	JP-11-296997-A	10-29-1999	Pioneer Electronic Corp		ABS
	BU1	JP-2000-222822-A	08-11-2000	Pioneer Electronic Corp		ABS
	BV1	JP-2000-235779-A	08-29-2000	Nec Corp		ABS
	BW1	JP-2000-322827-A	11-24-2000	Hitachi Ltd		ABS
	BX1	JP-2000-348442-A	12-15-2000	Matsushita Electric Ind Co Ltd		ABS
	BY1	JP-2001-157145-A	06-08-2001	Sony Corp		ABS
	BZ1	JP-2001-157208-A	06-08-2001	Samsung Electronics Co Ltd		ABS
	BA2	JP-2001-169246-A	06-22-2001	Sharp Corp		ABS
	BB2	JP-2002-150685-A	05-24-2002	Samsung Electronics Co Ltd		ABS
	BC2	JP-2002-158972-A	05-31-2002	Sony Corp		ABS
	BD2	JP-2002-222581-A	08-09-2002	Matsushita Electric Ind Co Ltd		ABS
	BE2	JP-2003-199047-A	07-11-2003	Pioneer Electronic Corp		ABS
	BF2	JP-2003-520514-A	07-02-2003			ABS
	BG2	JP-2005-513936-A	05-12-2005			ABS
	BH2	JP-3199711-A	08-30-1991	Proto Technol Corp		ABS
	BI2	KR-1996-0038743-A	11-21-1996			ABS
	BJ2	KR-1996-0038744	11-21-1996			ABS
	BK2	KR-1996-0038901-A	11-21-1996			ABS
	BL2	KR-1996-0038905-A	11-21-1996			ABS
	BM2	KR-1999-022858-A	03-25-1999			ABS
	BN2	KR-1999-0079482-A	11-05-1999	Samsung Electronics Co., Ltd.		ABS
	BO2	KR-2000-0053633-A	08-25-2000	Pioneer Corp		ABS
	BP2	KR-2001-0022702-A	03-26-2001	Matsushita Electric Industrial Col., Ltd.		ABS
	BQ2	KR-2001-0028735-A	04-06-2001	Lg Electronics Inc		ABS
	BR2	KR-2001-0051898-A	06-25-2001	Sony Corp		ABS
	BS2	KR-2001-0098007-A	11-08-2001	Lg Electronics Inc		ABS
	BT2	KR-2001-0107578-A	12-07-2001	Lg Electronics Inc		ABS
	BU2	KR-2002-0020919-A	03-16-2002	Sony Corp		ABS
	BV2	KR-2002-0097454-A	12-31-2002	Lg Electronics Inc		ABS

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	BW2	KR-2002-0097455-A	12-31-2002	Lg Electronics Inc		ABS
	BX2	WO-00/60597-A1	10-12-2000	Matsushita Electric Ind Co Ltd		
	BY2	WO-01/52554-A1	07-19-2001	Koninkl Philips Electronics Nv et al.		
	BZ2	WO-01/82604-A1	11-01-2001	Sony Corp et al.		ABS
	BA3	WO-01/82606-A1	11-01-2001	Sony Corp et al.		ABS
	BB3	WO-01/82610-A1	11-01-2001	Sony Corp et al.		ABS
	BC3	WO-02/080541-A1	10-10-2002	Matsushita Electric Ind Co Ltd et al.		ABS
	BD3	WO-03/047261-A1	06-05-2003	Matsushita Electric Ind Co Ltd et al.		
	BE3	WO-03/058957-A1	07-17-2003	Pioneer Corp		ABS
	BF3	WO-2004/001728-A1	12-31-2003	Lg Electronics Inc		
	BG3	WO-2004/001750-A1	12-31-2003	Lg Electronics Inc		
	BH3	WO-2004/001752-A1	12-31-2003	Lg Electronics Inc		
	BI3	WO-2004/001753-A1	12-31-2003	Lg Electronics Inc		
	BJ3	WO-2004/001754-A1	12-31-2003	Lg Electronics Inc		
	BK3	WO-97/15924-A1	05-01-1997	Matsushita Electric Ind Co Ltd		ABS
	BL3	WO-99/08281-A1	02-18-1999	Matsushita Electric Ind Co Ltd		
	BM3	CN-1239574	12-22-1999	Matsushita Electronics Ind Co		ABS

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